

Remarks

Claims 1-6 and 8-31 are in the application, of which claims 1 and 17 are in independent form.

Applicants thank the Examiner for allowing claims 1-6 and 8-16.

The specification and claim 17 are objected to for corresponding informalities. The Examiner states that the claim 17 limitation, "the processing of the first and second sensor signals including averaging at least one of the first and second sensor signals" is not disclosed, and appropriate correction is required.

Applicants believe that sensor signal averaging was disclosed in ¶ [0047] of the originally filed specification, which recites, "Electronic circuitry 40 preferably includes photo detector 20 and an array of IC chips for amplifying and integrating (or averaging) the electrical signal generated by photo detector 20...." Nevertheless, applicants respond by amending specification ¶ [0125] to import subject matter of originally filed claim 16, which recites, "... the processing ... includes averaging at least one of the ... sensor signals." Applicants request, therefore, that these objections be withdrawn.

Applicants believe their application is in condition for allowance and respectfully request the same.

Respectfully submitted,

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